

PATENT
ATTORNEY DOCKET NO: 03133/022001

COMBINED DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name,

I believe I am the original, first and sole inventor of the subject matter which is claimed and for which a patent is sought on the invention entitled TWISTED PAIR COMMUNICATION SYSTEM, the specification of which

☐ is attached hereto.

☒ was filed on July 10, 1998 as Application Serial No. 09/113,526.

☐ was described and claimed in PCT International Application No. _____
filed on _____ and as amended under PCT Article 19 on _____.

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose all information I know to be material to patentability in accordance with Title 37, Code of Federal Regulations, §1.56.

I hereby claim foreign priority benefits under Title 35, United States Code, §119 of any foreign application(s) for patent or inventor's certificate or of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:

COUNTRY	APPLICATION NO.	FILING DATE	PRIORITY CLAIMED
PCT	PCT/US98/11197	June 1, 1998	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No

I hereby claim the benefit under Title 35, United States Code, §120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, §112, I acknowledge the duty to disclose all information I know to be material to patentability as defined in Title 37, Code of Federal Regulations, §1.56(a) which became available between the filing date of the prior application and the national or PCT international filing date of this application:

U.S. SERIAL NO.	FILING DATE	STATUS
09/087,527	May 29, 1998	<input checked="" type="checkbox"/> Pending <input type="checkbox"/> Issued <input type="checkbox"/> Abandoned

I hereby claim the benefit under Title 35, United States Code, §119(c)(1) of any United States provisional application(s) listed below:

U.S. SERIAL NO.	FILING DATE
60/052,225	July 11, 1997
60/052,301	July 11, 1997
60/056,458	August 21, 1997
60/067,854	December 5, 1997
60/074,078	February 9, 1998
60/079,304	March 25, 1998
60/079,305	March 25, 1998

COMBINED DECLARATION AND POWER OF ATTORNEY CONTINUED

I hereby appoint the following attorneys and/or agents to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith: Gary A. Walpert, Reg. No. 26,028; J. Robin Ruhlbeck, Reg. No. 43,349; William E. Booth, Reg. No. 28,933; Ruffin B. Cordell, Reg. No. 33,487; Peter J. Devlin, Reg. No. 31,753; William J. Egan, III, Reg. No. 28,411; David L. Feigenbaum, Reg. No. 30,378; Stephan J. Filippek, Reg. No. 33,384; John J. Gagel, Reg. No. 33,499; Scott C. Harris, Reg. No. 32,030; Mark J. Hebert, Reg. No. 31,766; Gilbert H. Hennessey, Reg. No. 25,759; Charles Hieken, Reg. No. 18,411; Robert E. Hillman, Reg. No. 22,837; John K. Land, Reg. No. 29,554; G. Roger Lee, Reg. No. 28,963; James E. Mrose, Reg. No. 33,264; Eric L. Prael, Reg. No. 32,590; Alan D. Rosenthal, Reg. No. 27,833; Richard M. Sharkansky, Reg. No. 25,800; John M. Skenyon, Reg. No. 27,468; Alan D. Smith, Reg. No. 32,005; Hans R. Troesch, Reg. No. 36,950; Wayne E. Willenberg, Reg. No. 28,488; John N. Williams, Reg. No. 18,948; and Charles C. Winchester, Reg. No. 21,040.

Address all telephone calls to Gary A. Walpert at telephone number 617/542-5070.

Address all correspondence to Gary A. Walpert, Fish & Richardson P.C., 225 Franklin Street, Boston, MA 02110-2804.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patents issued thereon.

Full Name of Inventor: David D. Goodman

Inventor's Signature: *David D. Goodman*

Date: 2/3/99

Residence Address: 730 N. Danville Street, Arlington, VA 22201

Citizen of: U.S.A.

Post Office Address: 730 N. Danville Street, Arlington, VA 22201

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Applicant: David D. Goodman
 Serial No.: 09/113,526
 Filed: July 10, 1998
 For: TWISTED PAIR COMMUNICATION SYSTEM

ATTORNEY DOCKET NO. 03133/022001

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
 (37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below;
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: CAIS, Inc.

Address of Small Business Concern: 1232 22nd Street, N.W., Washington, DC 20037

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 CFR 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees in the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. For purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year of the concern of the persons employed on a full-time, part-time or temporary basis during each of the pay periods of the fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

I hereby declare that rights under contract or law have been conveyed to and remain with the small business concern identified above with regard to the invention, entitled TWISTED PAIR COMMUNICATION SYSTEM by inventor, David D. Goodman, described in

- ☐ the specification filed herewith.
☒ application serial no. 09/113,526, filed July 10, 1998.
☐ patent no. _____, issued _____.

If the rights held by the above identified small business concern are not exclusive, each individual, concern or organization having rights to the invention is listed below and no rights to the invention are held by any person, other than the inventor, who would not qualify as an independent inventor under 37 CFR 1.9(c) if that person made the invention, or by any concern which would not qualify as a small business concern under 37 CFR 1.9(d), or a nonprofit organization under 37 CFR 1.9(e). NOTE: Separate verified statements are required from each named person, concern or organization having rights to the invention averring to their status as small entities. (37 CFR 1.27)

Full Name: Inline Connection Corporation

Address: 730 N. Danville Street, Arlington, VA 22201

☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status when any new rule 53 application is filed or prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.28(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent on which this verified statement is directed.

Name: Michael G. Plantamura

Title: Vice President

Address: CAIS, Inc., 1232 22nd Street, N.W., Washington, DC 20037

Signature: Michael G. Plantamura

Date: 10/19/98

Applicant: David D. Goodman
 Serial No.: 09/113,526
 Filed: July 10, 1998
 For: TWISTED PAIR COMMUNICATION SYSTEM

ATTORNEY DOCKET NO. 03133/

VERIFIED STATEMENT (DECLARATION) CLAIMING SMALL ENTITY STATUS
 (37 CFR 1.9(f) and 1.27(c)) - SMALL BUSINESS CONCERN

I hereby declare that I am

- ☐ the owner of the small business concern identified below:
☒ an official of the small business concern empowered to act on behalf of the concern identified below:

Name of Small Business Concern: Inline Connection Corporation

Address of Small Business Concern: 740 N. Danville Street, Arlington, VA 22201

I hereby declare that the above identified small business concern qualifies as a small business concern as defined in 13 121.12, and reproduced in 37 CFR 1.9(d), for purposes of paying reduced fees to the United States Patent and Trademark Office, in that the number of employees of the concern, including those of its affiliates, does not exceed 500 persons. purposes of this statement, (1) the number of employees of the business concern is the average over the previous fiscal year, and (2) concerns are affiliates of each other when either, directly or indirectly, one concern controls or has the power to control the other, or a third party or parties controls or has the power to control both.

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- ☐ the specification filed herewith.
☒ application serial no. 09/113,526 filed July 10, 1998.
☐ patent no. _____, issued _____.

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Full Name: CAIS, INC.

Address: 1252 22nd Street, N.W., Washington, DC 20037

☐ INDIVIDUAL ☒ SMALL BUSINESS CONCERN ☐ NONPROFIT ORGANIZATION

I acknowledge the duty to file, in this application or patent, notification of any change in status resulting in loss of entitlement to small entity status when any new rule 53 application is filed or prior to paying, or at the time of paying, the earliest of the issue fee or any maintenance fee due after the date on which status as a small entity is no longer appropriate. (37 CFR 1.20(b))

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application, any patent issuing thereon, or any patent on which this verified statement is directed.

Name: David D. Goodman

Title: President

Address: Inline Connection Corporation, 740 N. Danville Street, Arlington, VA 22201

Signature: David D. Goodman Date: 2/3/99